

CLAIMS

1. A screw arrangement (14) comprising a hollowness (22,32) for insertion of a threaded axis (13) along which the screw arrangement (14) is movably arranged,
5 c h a r a c t e r i s e d i n
a first resilient part (143) to eliminate an axial allowance and a second resilient part (25) to eliminate a radial allowance,
the screw hollowness (22,32) at its inside being equipped
10 with semi-spheres (21,31) that follow the turn of the threads of the threaded axis (13).
2. The screw arrangement according to claim 1, whereby the screw consists of a first part (20) and a second part (30) that are connectable to each other.
- 15 3. The screw arrangement according to claim 2, whereby the first part (20) can be inserted into the second part (30).
4. The screw arrangement according to claim 2 or 3, whereby the first resilient part constitutes a separate spring (143).
- 20 5. The screw arrangement according to claim 2 or 3, whereby the first resilient part constitutes an integrated part of the first part of the screw.
6. The screw arrangement according to claim 4 or 5, whereby the second resilient part constitutes at least one resilient
25 tongue (25) that is arranged in parallel to the screw axis for insertion into corresponding grooves (35) of the second screw part (30).
7. The screw arrangement according to claim 6, whereby the resilient tongue (25) at its end is equipped with a bulge

(27) to secure a firm connection of the first and second screw part.

8. The screw arrangement according to claim 3, whereby the first screw part (20) comprises one or more convex protrusions (28) and the second screw part (30) comprises corresponding grooves (34) for insertion of the first part into the second part.

9. The screw arrangement according to claim 1, whereby six semi-spheres (21,31) are arranged at the inside of the screw hollowness (22,32) of the first and second screw part which follow one turn of the threaded axis (13).

10. The screw arrangement according to claim 1, whereby the semi-spheres (21,31) comprise a cross section that minimises the contacting surface between semi-sphere and the threaded surface of the axis.

11. The screw arrangement according to one of the preceding claims comprising a threaded means for fastening of a tuner object.

12. The screw arrangement according to one of the preceding claims consisting of a plastic material that comprises a sliding surface and low electric losses.

13. A tuning arrangement (10) for precision steering of the position of a tuner (15) in a cavity (12),

c h a r a c t e r i s e d i n

25 the tuner (15) being movably arranged at a threaded axis (13) by help of a screw arrangement (14) according to one of claims 1-12.